



Message

From: Maraldo, Dean [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8076BC00B04C4AC1A4E608822A0DED7D-DMARALDO]
Sent: 6/13/2018 2:47:24 PM
To: Wroble, Amanda [wroble.amanda@epa.gov]
Subject: Fw: ERG OCE TD1: CSD Sampling Nitrate-N SOP

see below for UNL method.


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Dean Maraldo
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From: Daisy Wang <Daisy.Wang@erg.com>
Sent: Wednesday, June 13, 2018 9:42 AM
To: Maraldo, Dean
Cc: Burdett, Cheryl
Subject: ERG OCE TD1: CSD Sampling Nitrate-N SOP

Hi Dean,

Please see this email from UNL (below) that states they are using EPA 353.2 for their nitrate-N analysis. Please let me know if this is sufficient, or if you have any other questions!

Regards,
Daisy Wang
703-829-0539 

Eastern Research Group (ERG)
14555 Avion Parkway, Suite 200
Chantilly, VA 20151

From: Daniel Snow [mailto:dsnow1@unl.edu]
Sent: Thursday, April 26, 2018 4:19 PM
To: Daisy Wang <Daisy.Wang@erg.com>
Cc: Jessica Gray <Jessica.Gray@erg.com>; Daniela Ayala <Daniela.Ayala@erg.com>; Trinita White <Trinita.White@erg.com>
Subject: RE: ERG OCE RFP WA 2-02_UNL Water Science Lab

Daisy,

Attached is a new quote for 95 samples to be run for 15N and 18O of nitrate-N by the azide reduction method. The nitrate-N concentration is determined by Cd-reduction (EPA 353.2). Using these methods I can guarantee turn-around of results in 28 days.

The lab is only open, and received samples, Monday-Friday 8:00 am until 5:30 pm. I recommend sending samples frozen in batches of 10-20 or more via overnight carrier. Samples received on Friday will remain frozen and thawed for nitrate-N analysis on the following Monday.

I'll be in for the rest of the afternoon if you would like to visit by phone. -Dan

Daniel D. Snow, Ph.D.
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From: Daisy Wang <Daisy.Wang@erg.com>
Sent: Thursday, April 26, 2018 2:13 PM
To: Daniel Snow <dsnow1@unl.edu>
Cc: Jessica Gray <Jessica.Gray@erg.com>; Daniela Ayala <Daniela.Ayala@erg.com>; Trinita White <Trinita.White@erg.com>
Subject: RE: ERG OCE RFP WA 2-02_UNL Water Science Lab

Hi Mr. Snow,

We are working on finalizing the contracting paperwork and will send it over as soon as possible. We won't be issuing another RFP, but will modify the final SOW to reflect what we discussed and agreed upon (see list below).

We have a few outstanding questions for you:

1. Can you please clarify if you'll be analyzing Nitrate-N using a standard or EPA method? If so, can you please let us know which method number you'll be running?
2. Is there a timeframe that the must samples arrive at the lab within, in order for the samples to be properly received?
3. Does the lab have the capability to receive samples after hours or on Saturday? Is there additional cost for this?

In addition, here is a summary of what we discussed on the phone yesterday.

- ERG is fine with the lab's standard turnaround time for the N-15 isotope of nitrate analysis (28-42 days)
- Since we're fine with the standard turnaround time, UNL will not be charging the priority surcharge that was included in the quote provided on 4/12.
- UNL will be able to process 95 samples within the standard turnaround time.
- EPA is conducting sampling activities next week (4/30-5/4) and UNL will be able to receive/begin to process samples shipped to them starting on Tuesday 5/1.

Please let me know if there is anything I've missed or misunderstood.

Sincerely,

Daisy Wang

703-829-0539

Eastern Research Group (ERG)

14555 Avion Parkway, Suite 200
Chantilly, VA 20151

From: Daniel Snow <dsnow1@unl.edu>

Sent: Thursday, April 12, 2018 7:31 PM

To: Trinita White <Trinita.White@erg.com>

Cc: Carmen Benavides <Carmen.Benavides@erg.com>; Daisy Wang <Daisy.Wang@erg.com>; Jessica Gray <Jessica.Gray@erg.com>; Daniela Ayala <Daniela.Ayala@erg.com>; Paul Buellesbach <Paul.Buellesbach@erg.com>

Subject: RE: ERG OCE RFP WA 2-02_UNL Water Science Lab

Trinita,

Attached is a quotation listing analysis of nitrate-N and ¹⁵N and ¹⁸O-nitrate, with a quality control report and a priority surcharge that would provide a for a 20 day turnaround time.

It would not be possible for our laboratory to meet a 10 day requirement, as our normal turnaround is 28-42 days for this new method. The quality assurance report could be provided within 30 days of data release.

Details for table 1:

Analyte	Sample Volume and Container provided	Preservation	Hold Time
NO3N	125 mL	Freeze to -20oF	28 days
15N-NO3/18O-NO3N	same	same	same

There are additional older methods available for 15N of nitrate and ammonia-N not listed in the quotation but the turnaround for these is 3-6 months as they are quite labor intensive. I have also attached a QAPP for our isotope methods that provides some details relevant to all of these methods. I will wait until you send an updated request for proposal before forwarding to our contract office. Thanks!

Daniel D. Snow, Ph.D.
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